

REMARKS

Claims 1-34 are pending in this application. By this Amendment, claims 1, 22, and 34 have been amended. No new matter has been added. With respect to any claim amendments or cancellations, Applicants have not dedicated or abandoned any unclaimed subject matter.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version with markings to show changes made**".

Examination on the merits is respectfully requested.

Applicants believe the instant claims are in condition for allowance. Early notification to this effect is earnestly solicited. Should the Examiner feel that an issue requires discussion, he or she is respectfully requested to contact the undersigned agent at 650-813-5816 or to contact Shantanu Basu, also of record in this application, at 650-813-5995.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicants petition for any required relief including extensions of time and authorize the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. 286002021300.

Respectfully submitted,

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By: 
Nicholas Buffinger
Registration No. 39,124

Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018
Telephone: (650) 813-5816
Facsimile: (650) 494-0792

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Please enter the following amendments without prejudice or disclaimer.

In the Claims

1. (Amended) A method for treating a neuronal deficiency, comprising:
administering bone marrow-derived cells to an individual having a neuronal deficiency,
[wherein the administering of the bone marrow-derived cells induces a formation of new neurons
in a nervous system of the subject]; and
ameliorating at least one symptom of the neuronal deficiency.
22. (Amended) A method for improving memory function in an individual with
deficient memory function, comprising:
administering bone marrow-derived cells to an individual having deficient memory
function [, wherein the administering of the bone marrow-derived cells induces a formation of
new neurons in a nervous system of the subject]; and
improving at least one memory function in said individual.
34. (Amended) A method for treating a neuronal deficiency, comprising:
administering a bone marrow cell mobilization therapy to an individual having a neuron
deficiency [, wherein the administering of the bone marrow cell mobilization therapy induces
formation of new neurons in the nervous system of the subject]; and
ameliorating at least one symptom of the neuronal deficiency.